

Title (en)
NASAL DRUG DELIVERY DEVICE

Title (de)
VORRICHTUNG FÜR NASALE ARZNEIMITTELABGABE

Title (fr)
DISPOSITIF D'ADMINISTRATION DE MÉDICAMENT PAR VOIE NASALE

Publication
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Application
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Priority

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- EP 12752463 A 20120305
- US 2012027754 W 20120305

Abstract (en)
A compound delivery device for delivering a plume derived from a propellant and a drug formulation. The drug formulation is in an intranasal dosage form in the form of powder, suspension, dispersion or liquid. The propelled intranasal dosage form is deposited within the olfactory region of the nasal cavity. The drug deposited within the olfactory region is delivered to the brain avoiding the blood-brain-barrier. Hydrofluoroalkane propellant from a pressurized canister is channeled to a diffuser and drug-containing chamber where the intra-nasal dosage form is aerosolized. The aerosolized intra-nasal dosage form passes through a nozzle thus delivering a plume to the olfactory region of a user's nasal cavity.

IPC 8 full level
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US 2012027754 W 20120305; AU 2012223160 A 20120305; AU 2016256665 A 20161107; AU 2018256518 A 20181030; BR 112013022249 A 20120305; BR 122021002471 A 20120305; CA 2828884 A 20120305; CA 3111516 A 20120305; CN 201280021497 A 20120305; EP 12752463 A 20120305; EP 20158982 A 20120305; EP 22182407 A 20120305; JP 2013556677 A 20120305; RU 2013144395 A 20120305; RU 2017105845 A 20120305; US 201314017048 A 20130903; US 201615338097 A 20161028; US 201916664588 A 20191025; US 202318346244 A 20230702